

Title (en)
METHOD AND APPARATUS FOR CONTROLLING TRAVEL OF DRIVING-ASSISTED VEHICLE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DER FAHRT EINES FAHRZEUGS MIT FAHRHILFE

Title (fr)
PROCÉDÉ ET APPAREIL PERMETTANT DE COMMANDER LE DÉPLACEMENT D'UN VÉHICULE AVEC ASSISTANCE À LA CONDUITE

Publication
EP 3674154 B1 20211027 (EN)

Application
EP 17922538 A 20170824

Priority
JP 2017030256 W 20170824

Abstract (en)
[origin: EP3674154A1] The purpose of the present disclosure is to reduce apprehensiveness on the part of a driver while allowing for a greater number of situations where it is possible to accelerate on a curved route. Provided is a device for controlling travel of a drive-assisted vehicle, wherein a curved-route travel controller (34) has a curved-route-detecting unit (34a), an another-vehicle-detecting unit (34f), a threshold-value-establishing unit (34b), a lateral-acceleration-determining unit (34d), and a turning-acceleration-controlling unit (34e). During travel on a curved route, the threshold-value-establishing unit (34b) establishes an acceleration-prohibited lateral acceleration threshold value established as a boundary value for suppressing acceleration of a host vehicle A, said threshold value being established so as to be lower when another vehicle F is present on an outside-peripheral-side curved route E adjacent to a host-vehicle travel lane C than when another vehicle F is not present on the outside-peripheral-side curved route E. The lateral-acceleration-determining unit (34d) determines whether a lateral acceleration is greater than the acceleration-prohibited lateral acceleration threshold value during travel on a curved route. The turning-acceleration-controlling unit (34e) permits accelerating travel on the curved route while it has been determined that the lateral acceleration is less than or equal to the acceleration-prohibited lateral acceleration threshold value, but suppresses accelerating travel on the curved route when it is determined that the lateral acceleration is greater than the acceleration-prohibited lateral acceleration threshold value.

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